

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090061-CA

Mode: Highway

Status: Submitted

US-64

From/Cross Street: NC 109

Specific Improvement Type: 1 - Widen Existing Roadway

To: Randolph County Line

Project Category: Statewide Mobility

Length: 2.73

TIP#: R-2220CA

Fully Funded in Draft STIP? No

Cost to NCDOT: \$36,500,000

Description:

Widen to Multi-Lanes.

Division(s): Division 9, Division 8

County(s): DAVIDSON, RANDOLPH

MPOS(s)/RPO(s): High Point Urban Area MPO

Project Location



Statewide Mobility Total Score: 15.73

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	29.33	N/A	N/A
Safety (10%)	60.99		
Economic Competitiveness (10%)	0.24		
Multimodal + [Freight & Military] (20%)	3.97		
[Travel Time] Benefit/Cost (30%)	0.07		
Totals: Weight: 100% Weighted Score: 15.73			

Regional Impact Total Score: 30.88

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	29.33	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%)	60.99		
[Travel Time] Benefit/Cost (25%)	0.07		
Accessibility / Connectivity (10%)	24.31		
Totals: Weight: 70% Weighted Score: 15.88			

Division Needs Total Score: 11.98

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)	0.07	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (20%)	29.33		
Safety (10%)	60.99		
Totals: Weight: 50% Weighted Score: 11.98			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.73
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	6866.94
Capacity:	15500.35
Volume/Capacity Ratio:	0.44
% Autos:	88%
% Trucks:	12%
Truck Volume:	793.05
Crash Density:	61
Crash Severity:	73.19
Critical Crash Rate:	48.81
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	75
Actual Congested Speed:	56.73
Travel Time Index:	0.96

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	2.73
Facility Type:	Multi-Lane Highway
Access Control:	Full
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	106298.9
Travel Time Savings for 30 Years (Autos):	94022.57
Travel Time Savings for 30 Years (Trucks):	12276.33
Long-Term Employment:	2
% Change in Economy:	2.78E-06
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 9

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 9	100%	0	0
Division 8	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$19,000,000	TIP Unit
Right-of-Way Cost:	\$14,500,000	TIP Unit
Utilities Cost:	\$3,000,000	TIP Unit
Total Project Cost:	\$36,500,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$36,500,000	